

Notice of Allowability

Application No.

10/688,763

Examiner

Ben C. Wang

Applicant(s)

YIP ET AL.

Art Unit

2192

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to June 15, 2007.
2. ☒ The allowed claim(s) is/are 1-24.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


TUAN DAM
SUPERVISORY PATENT EXAMINER

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Mr. Kenneth C. Brooks (Reg. No. 38,393) on September 12, 2007 to obviate any potential 35 U.S.C 101 issues and to place the claims in the condition for allowance.
3. The application has been amended as follows:

IN THE CLAIMS,

Please amend claims 13-24 as follows:

As to Claim 13 (Currently Amended)

At line 1, before "medium" insert storage;

At line 2, before "for graphically tracking" insert stored thereon.

As to Claim 14 (Currently Amended)

At line 1, before "medium" insert storage.

As to Claim 15 (Currently Amended)

At line 1, before "medium" insert storage.

As to Claim 16 (Currently Amended)

At line 1, before "medium" insert storage.

As to Claim 17 (Currently Amended)

At line 1, before "medium" insert storage.

As to Claim 18 (Currently Amended)

At line 1, before "medium" insert storage.

As to Claim 19 (Currently Amended)

At line 1, before "medium" insert storage.

As to Claim 20 (Currently Amended)

At line 1, before "medium" insert storage.

As to Claim 21 (Currently Amended)

At line 1, before "medium" insert storage.

As to Claim 22 (Currently Amended)

At line 1, before "medium" insert storage.

As to Claim 23 (Currently Amended)

At line 1, before "medium" insert storage.

As to Claim 24 (Currently Amended)

At line 1, before "medium" insert storage.

Allowable Subject Matter

4. Claims 1-24 are allowed.

5. The following is an examiner's statement of reasons for allowance:

As pointed out by Applicant, the prior art of record fails to teach and/or suggest "the pipelines have indicia associated therewith that differs from the indicia associated with the remaining pipelines; defining a plurality of graphical icons for a plurality of instructions of a code segment, each of the plurality of graphical icons having a displayable appearance that identifies a type of instruction; displaying a progression of each of the plurality of graphical icons through the one or more hardware components during the execution of the code segment by sequentially placing graphical icons of said subset adjacent to additional sub-portions of said indicia associated with said one of said plurality of execution pipelines", as recited in independent claim 1 and similarly recited in independent claim 13. (Remarks, pages 9-11)

6. Claims 2-12 and 14-24 are considered allowable by virtue of their dependence on allowable independent claims 1 and 13, respectively.

7. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ben C. Wang whose telephone number is (571) 270-1240. The examiner can normally be reached on 8:00-5:30 (EST/EDT), Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Q. Dam can be reached on (571) 272-3695. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

BCW 

September 17, 2007



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